

## **ARRANGEMENTS AND METHODS FOR LATENCY-SENSITIVE**

### **HASHING FOR COLLABORATIVE WEB CACHING**

#### **Abstract of the Disclosure**

Systems and methods for collaborative web caching among geographically  
5 distributed cache servers, particularly, latency-sensitive hashing systems and methods for  
collaborative web caching among geographically distributed proxy caches. Network  
latency delays as well as proxy load conditions are taking into consideration during  
hashing. As a result, requests can be hashed into geographically closer proxy caches if  
the load conditions permit. Otherwise, requests will be hashed into geographically distant  
10 proxy caches to better balance the load among the caches.